

UNITED STATES PATENT AND TRADEMARK OFFICE  
**CERTIFICATE OF CORRECTION**

PATENT NO. : 7,837,552 B2  
APPLICATION NO. : 10/682418  
DATED : November 23, 2010  
INVENTOR(S) : Sumi et al.

Page 1 of 1

It is certified that error appears in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

In claim 2, column 9, line 21, "processing transition" should read --processing transitions--.

In claim 7, column 9, line 67, "become slower" should read --becomes slower--.

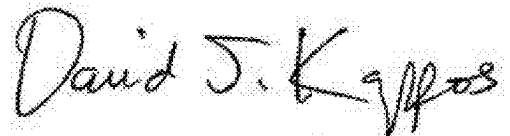
In claim 9, column 10, line 67, "become slower" should read --becomes slower--.

In claim 11, column 11, line 38, "processing transition" should read --processing transitions--.

In claim 13, column 12, line 28, "become slower" should read --becomes slower--.

In claim 15, column 12, line 64, "processing transition" should read --processing transitions--.

Signed and Sealed this  
Tenth Day of May, 2011

A handwritten signature in black ink that reads "David J. Kappos". The signature is written in a cursive, flowing style with a large initial "D" and a stylized "K".

David J. Kappos  
*Director of the United States Patent and Trademark Office*